WHAT IS CLAIMED IS:

1. A plasma display apparatus comprising:

a plurality of display element electrodes each constituted of a pair of electrode segments having linear edges opposing each other, with a predetermined distance provided therebetween, the width of each of said electrode segments becoming narrower in the direction away from the associated one of said linear edges;

a front substrate on which said plurality of display element electrodes are arranged along the row direction and the column direction;

a barrier structure, the inner surfaces of which being disposed along the outer ends of said plurality of display element electrodes and thereby defining a plurality of cells each of which is to be activated by the associated one of said plurality of display element electrodes so as to emit light; and

a back substrate disposed opposing said front substrate with, said barrier structure therebetween.

2. A plasma display apparatus according to Claim 1, wherein each of said plurality of display element electrodes is constituted of a pair of electrode segments each having a semielliptical or semicircular shape.

3. A plasma display apparatus according to Claim 1,

wherein each of said plurality of display element electrodes is constituted of a pair of electrode segments each having a triangular or trapezoidal shape.

4. A plasma display apparatus according to Claim 1, wherein said barrier structure comprises a plurality of separate units which define each of said plurality of cells so as to provide an evacuation channel structure in between said plurality of separate units.

5. A plasma display apparatus according to Claim 1, wherein the width of said barrier structure is varied in accordance with the width of each of said plurality of display element electrodes so as to define a channel passing through said plurality of cells in the column direction.

6. A plasma display apparatus according to Claim 1, wherein each of said plurality of display element electrodes is constituted of a pair of electrode segments each having a triangular or trapezoidal shape, and wherein said barrier structure is formed in a lattice pattern as viewed perpendicularly to said front substrate and said back substrate.

7. A plasma display apparatus according to Claim 1, further comprising a plurality of address electrodes each locally

disposed, with respect to the row direction, from the center of the associated column of said plurality of cells as viewed perpendicularly to said front substrate and said back substrate.

8. A plasma display apparatus according to Claim 1, further comprising a plurality of address electrodes each locally disposed, with respect to the row direction, from the center of the associated column of said plurality of cells as viewed perpendicularly to said front substrate and said back substrate,

wherein the height of said barrier structure is made 130 μm or higher.

9. A plasma display apparatus according to Claim 8, further comprising a plurality of dielectric projections formed on said plurality of address electrodes, each of said plurality of dielectric projections facing predetermined one of said pair of electrode segments constituting the associated one of said plurality of display element electrodes.

10. A plasma display apparatus according to Claim 1, wherein each of said plurality of cells is provided with a reflecting layer disposed below a phosphor member.

11. A plasma display apparatus comprising:

a plurality of display element electrodes each constituted

of a pair of rectangular electrode segments having linear edges opposing each other, with a predetermined distance provided therebetween;

a front substrate on which said plurality of display element electrodes are arranged along the row direction and the column direction;

a barrier structure, the inner surfaces of which being disposed along the outer ends of said plurality of display element electrodes and thereby defining a plurality of cells each of which is to be activated by the associated one of said plurality of display element electrodes so as to emit light; and

a back substrate disposed opposing said front substrate with said barrier structure therebetween.

12. A plasma display apparatus according to Claim 11, wherein said barrier structure comprises a plurality of separate units which define each of said plurality of cells so as to provide an evacuation channel structure in between said plurality of separate units.

13. A plasma display apparatus according to Claim 11, further comprising a plurality of address electrodes each having a linear portion extending along one side of said plurality of cells, the plurality of address electrodes each having a plurality of projecting portions disposed so as to face

predetermined one of said pair of electrode segments constituting the associated one of said plurality of display element electrodes.

14. A plasma display apparatus according to Claim 11, wherein each of said plurality of cells is provided with a reflecting layer disposed below a phosphor member.